

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY SHA AND INSTALLED BY THE CONTRACTOR.

<u>ITEM NO.</u>	<u>QUANTITY</u>	<u>DESCRIPTION</u>
9001	1 EA.	NEMA SIZE '6' BASE-MOUNTED CABINET WITH VIDEO DETECTION INTERFACE FOR 1-4 CAMERAS.
9002	1 EA.	ASC II EIGHT PHASE CONTROLLER WITH TELEMETRY MODULE.
9003	1 EA.	ASC II M MASTER CONTROLLER WITH TELEMETRY MODULE.
9571	12 SF.	SHEET ALUMINUM MAST ARM/POLE-MOUNTED SIGN

EQUIPMENT LIST "B"

ITEM NO.	QUANTITY	DESCRIPTION
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1001	1 EA.	MAINTENANCE OF TRAFFIC
2002	1 CY.	TEST PIT EXCAVATION
8011	1 EA.	METERED SERVICE PEDESTAL
8019	4 EA.	NON-INVASIVE MICRO LOOP PROBE SET WITH 1,000' LEAD-IN CABLE
8022	1 EA.	REMOVAL AND DISPOSAL OF EXISTING MATERIAL AND EQUIPMENT
8027	3 EA.	VIDEO DETECTION CAMERA WITH LEAD IN CABLE TO CONTROLLER
8028	5 LF.	3-INCH SCHEDULE 80 PVC RISER
8030	120 LF.	DISCONNECT, PULL BACK AND RE-ROUTE CABLES
8032	160 LF.	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4" (BORED)
8034	170 LF.	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4" (TRENCHED)
8038	260 LF.	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8040	1 EA.	3-INCH WEATHERHEAD
8043	250 LF.	ELECTRICAL CABLE 1-CONDUCTOR NO. 4 AWG THHN/THWN (3 WIRES)
8044	6 EA.	ELECTRICAL HANDHOLE
8058	150 LF.	ELECTRICAL CABLE 5-CONDUCTOR NO. 14 AWG
8059	850 LF.	ELECTRICAL CABLE 7-CONDUCTOR NO. 14 AWG
8060	150 LF.	ELECTRICAL CABLE 2-CONDUCTOR NO. 12 AWG/TC
8067	1 EA.	INSTALL BASE-MOUNTED CABINET AND CONTROLLER

THIS INTERSECTION SHALL BE INTERCONNECTED WITH 12-PAIR COMMUNICATION CABLE. THE INTERSECTION OPERATES IN NEMA 3 PHASE, FULL TRAFFIC ACTUATED MODE. MD 140 THROUGH MOVEMENTS OPERATE CONCURRENTLY. THE GORES MILL ROAD MOVEMENT OPERATES ALONE.

THE EXISTING NEMA EIGHT-PHASE FULL-ACTUATED, POLE-MOUNTED CONTROLLER WILL BE REPLACED WITH A NEMA EIGHT-PHASE FULL-ACTUATED BASE-MOUNTED CABINET AND MASTER/LOCAL CONTROLLERS CONTAINING ALL NECESSARY EQUIPMENT.

THE CONTACT PERSONS FOR THE SHA ARE AS FOLLOWS:

MR. ROBERT C. SNYDER
ASSISTANT DIVISION CHIEF,
TRAFFIC OPERATIONS DIVISION
PHONE: 410-787-7631

MR. EDWARD D.RODENHIZER
CHIEF, SIGNAL OPERATIONS SECTION
PHONE: 410-787-7652

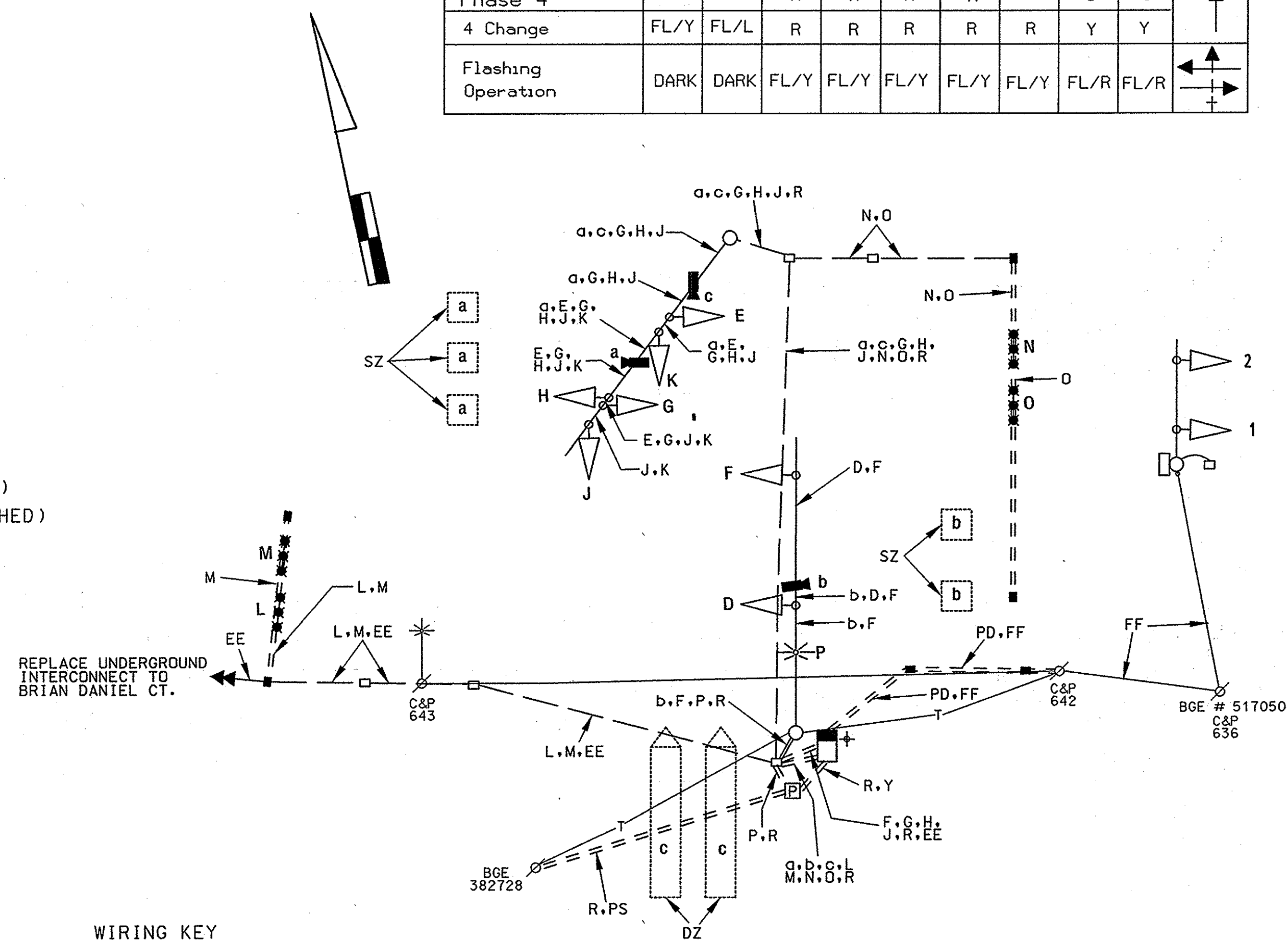
MR. DEAN RANDOLPH
PROJECT MANGER - TRAFFIC ENGINEERING
DESIGN DIVISION PHONE: 410-787-4046

EQUIPMENT LIST "C"

SHA WILL REMOVE THE CONTROLLER AND AUXILLARY EQUIPMENT FROM THE EXISTING CABINET. THE CABINET AND ALL OTHER REMOVED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

[illegible]

Phase 2 & 6	DARK	DARK	G	G	G	G	G	R	R	← →
2 & 6 Change	FL/Y	FL/L	Y	Y	Y	Y	Y	R	R	
Phase 4	FL/Y	FL/L	R	R	R	R	R	G	G	↑
4 Change	FL/Y	FL/L	R	R	R	R	R	Y	Y	
Flashing Operation	DARK	DARK	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	← ↑ → +



WIRING KEY

G,b,c - VIDEO DETECTION CAMERA WITH
250' LEAD-IN CABLE TO CONTROLLER

P - ELECTRICAL CABLE 2-CONDUCTOR
(NO. 12 AWG) TRAY

D,E,K - ELECTRICAL CABLE 5-CONDUCTOR
(NO. 14 AWG)

F,G,H,J - ELECTRICAL CABLE 7-CONDUCTOR
(NO. 14 AWG)

Y - ELECTRICAL CABLE 1-CONDUCTOR
(NO. 4 AWG THHN/THWN) 3 WIRES

R - NO. 6 AWG STRANDED BARE
COPPER GROUND WIRE

L,M,N,O - NON-INVASIVE MICRO LOOP
PROBE WITH 1,000' LEAD-IN
CABLES

EE - 12-PAIR COMMUNICATION
CABLE UNDERGROUND
JELLY-FILLED INTERCONNECT

FF - EXISTING INTERCONNECT FROM
HIB (HIB TRANSITIONING FROM
OVERHEAD AT POLE # C&P 642)

▣ - METERED SERVICE
PEDESTAL

PD - PHONE DROP

PS - PROPOSED
UNDERGROUND
SERVICE FEED

DZ - PROPOSED CAMERA
DETECTOR ZONE

SZ - CAMERA SAMPLING
ZONE

+ - GROUND ROD

TOD NO:AT914-05
SHA NO:BA651A52/D52
MD 140 GORES MILL
RD/BRAIN DANIEL CT

SHIA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 140 AT GORES MILL RD.

GENERAL INFORMATION SHEET

SCALE 1" = 20' DATE 03/18/2008 CONTRACT NO. AT9145185

DESIGNED BY	NMR	COUNTY	BALTIMORE
DRAWN BY	MC	LOGMILE	03014011.39
CHECKED BY	WWW	TIMS NO.	H561
FAP NO.		TOD NO.	

TS NO. 3628D-GI	DRAWING SG--04 OF 5	SHEET NO. 4 OF 5
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